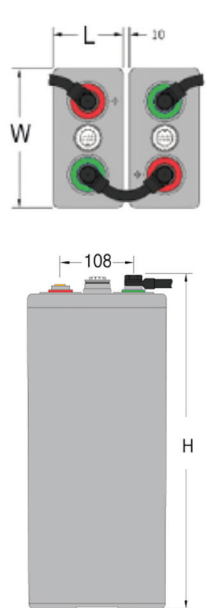


ARG-6-OPZV-588 DATA SHEET

TECHNICAL CHARACTERISTICS	
Capacity (Ah), C ₁₀₀ (1,80 V/cell, 20°C)	668
Capacity (Ah), C ₁₀ (1,80 V/cell, 20°C)	486
Number of plates (+) per cell	6
Floating voltage set point (V/cell)	2,25
Maximum initial charge current (A)	145 (0,3 C ₁₀)
Recommended Boost Charge Voltage (V/cell)	2,35
Recommended End of Discharge voltage for 120h rate (V/cell)	1,85
Short circuit current (A)	4200
Internal resistance (mΩ)	0,485
Number of cycles at 60% depth of discharge (20°C)	2500
Self-discharge rate per month at 20 °C	Approx. 2%
Dimensions in mm (LxWxH1/H2) H1 = Height to the lid H2 = Height including connectors & bolts	145 x 206 x 471 / 499
Weight (kg)	35,3
Type and number of poles	M10 / 2



CONSTANT CURRENT DISCHARGE IN A (AT 20°C)

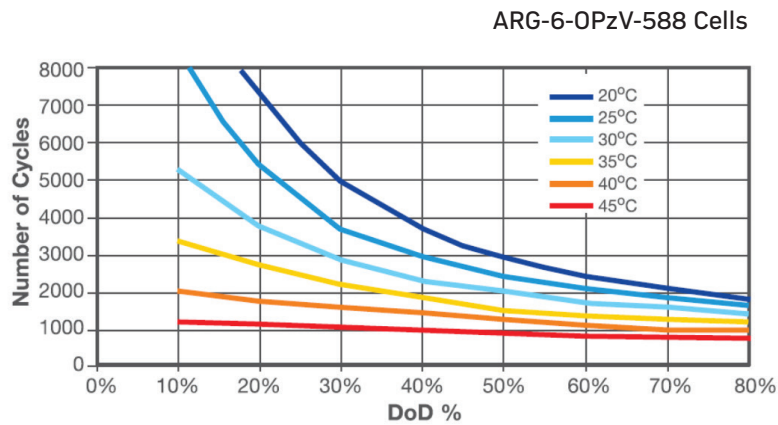
End Voltage	DISCHARGE TIME										
	10 h	12 h	20 h	24 h	48 h	50 h	72 h	100 h	120 h	168 h	240 h
1,80 V	48,60	41,98	27,54	23,61	12,95	12,49	9,01	6,68	5,65	4,12	2,94
1,83 V	46,39	40,15	26,47	22,73	12,54	12,10	8,75	6,50	5,50	4,03	2,87
1,85 V	44,51	38,58	25,51	21,93	12,15	11,73	8,51	6,33	5,37	3,93	2,81
1,90 V	38,42	33,43	22,34	19,26	10,81	10,44	7,62	5,71	4,85	3,58	2,57
1,92 V	35,37	30,85	20,73	17,92	10,13	9,79	7,17	5,39	4,58	3,38	2,43
2,00 V	19,92	17,69	12,48	10,97	6,55	6,35	4,75	3,65	3,10	2,30	1,65

CONSTANT POWER DISCHARGE IN W/CELL (AT 20°C)

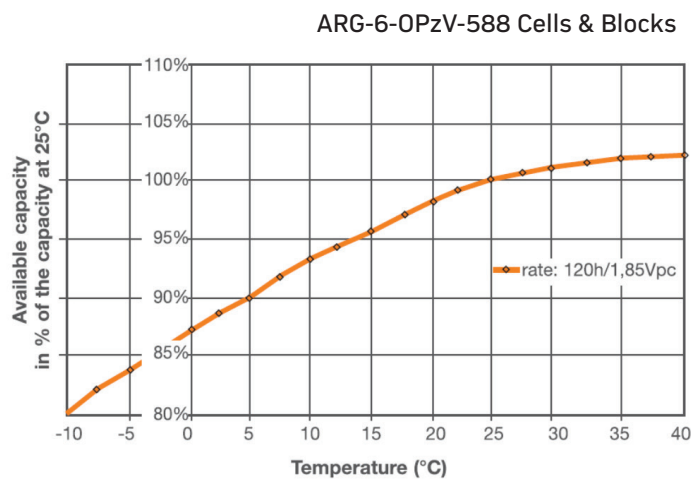
End Voltage	DISCHARGE TIME										
	10 h	12 h	20 h	24 h	48 h	50 h	72 h	100 h	120 h	168 h	240 h
1,80 V	91,95	79,74	52,85	45,46	25,26	24,38	17,71	13,21	11,20	8,23	5,90
1,83 V	88,13	76,56	50,96	43,90	24,52	23,67	17,24	12,89	10,94	8,05	5,78
1,85 V	84,85	73,79	49,27	42,48	23,82	23,01	16,80	12,58	10,69	7,88	5,67
1,90 V	74,01	64,60	43,53	37,65	21,37	20,66	15,17	11,43	9,74	7,22	5,21
1,92 V	68,48	59,89	40,58	35,17	20,11	19,44	14,33	10,82	9,23	6,86	4,96
2,00 V	39,45	35,08	24,92	21,95	13,24	12,83	9,67	7,43	6,35	4,74	3,45



EXPECTED NUMBER OF CYCLES VS. DoD



CAPACITY VS. TEMPERATURE



GUIDANCE FOR THE INITIAL LOW VOLTAGE DISCONNECT SETTINGS (25°C REFERENCE TEMPERATURE)

